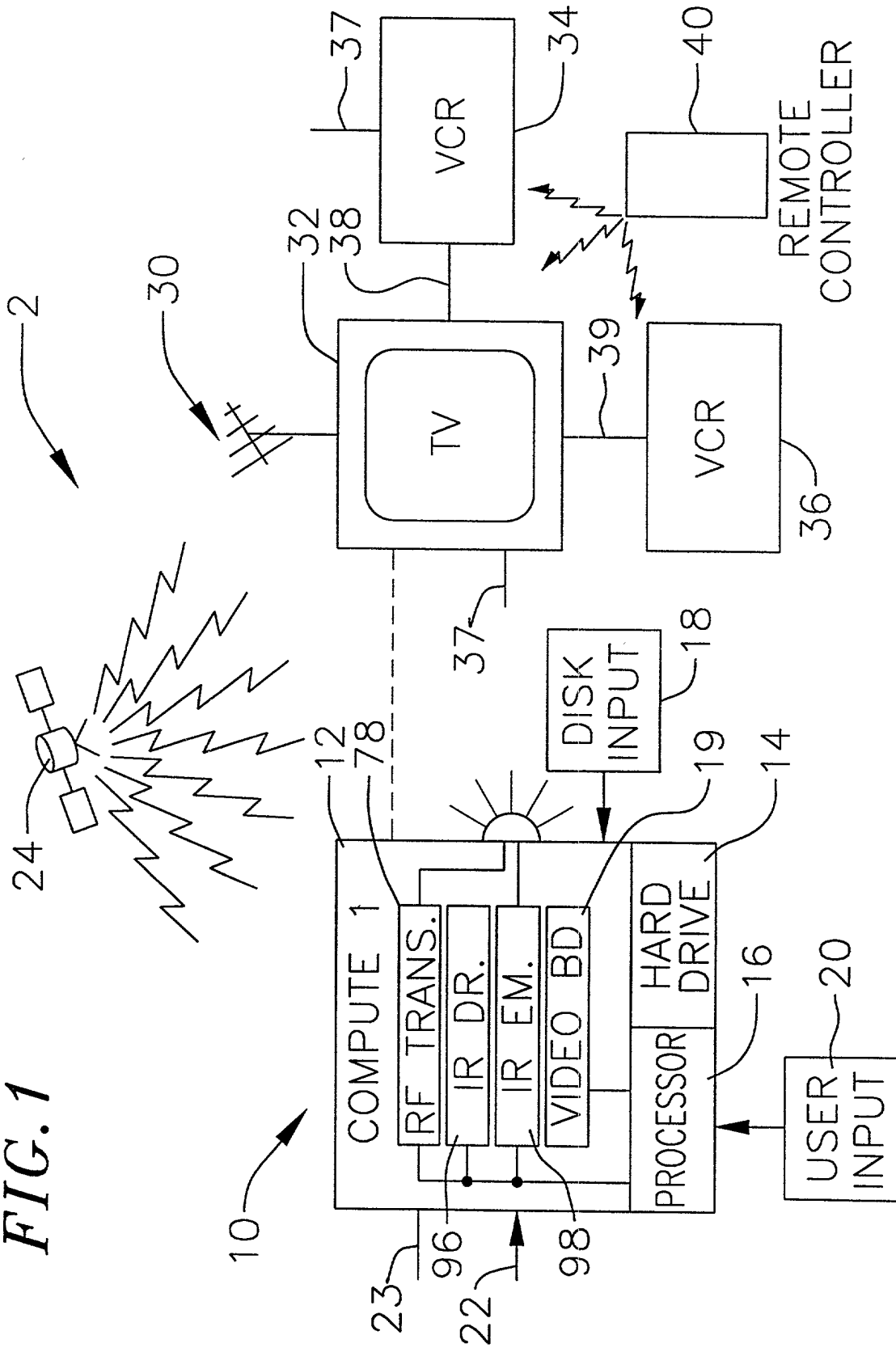
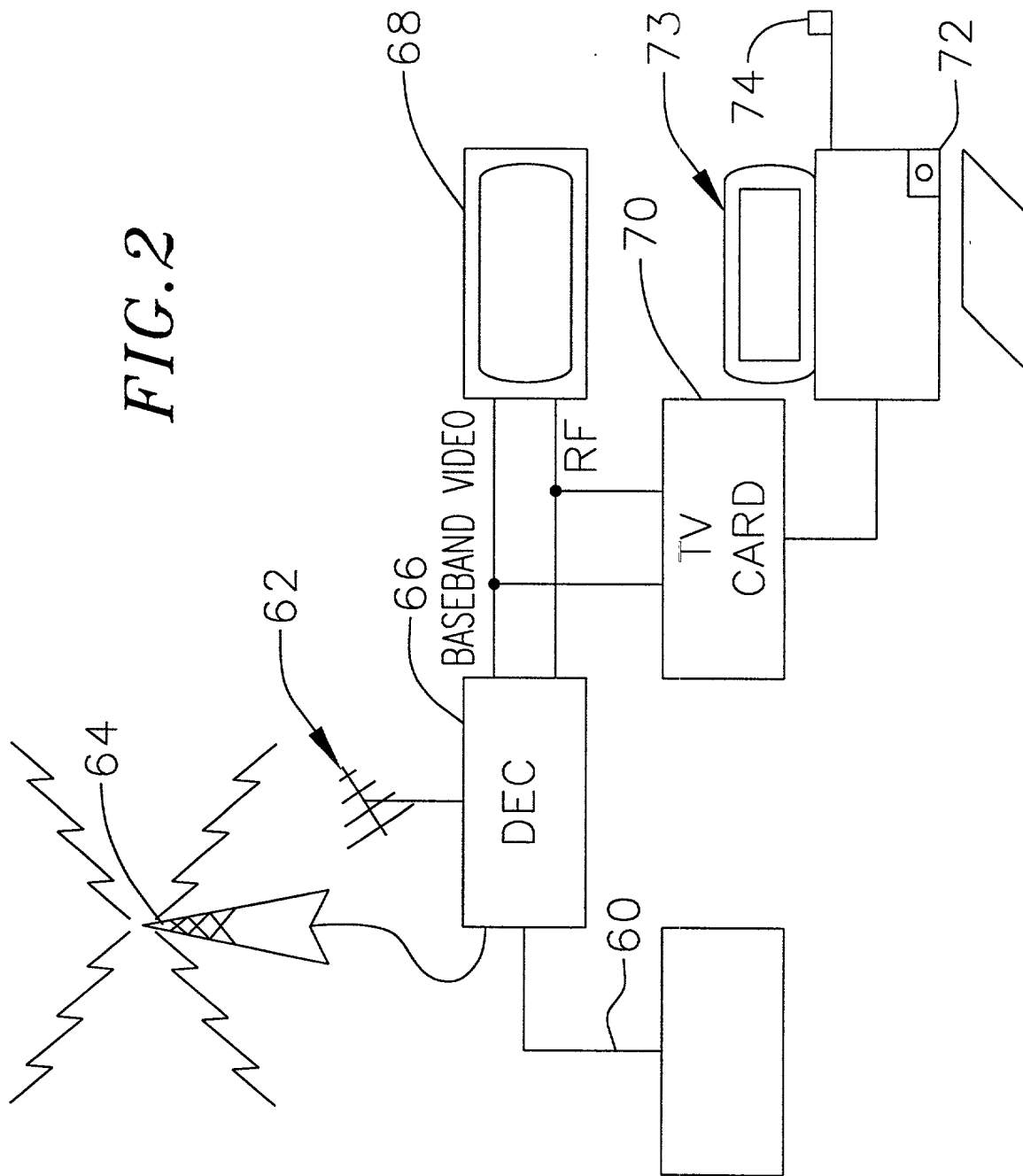


FIG. 1





**FIG. 3**

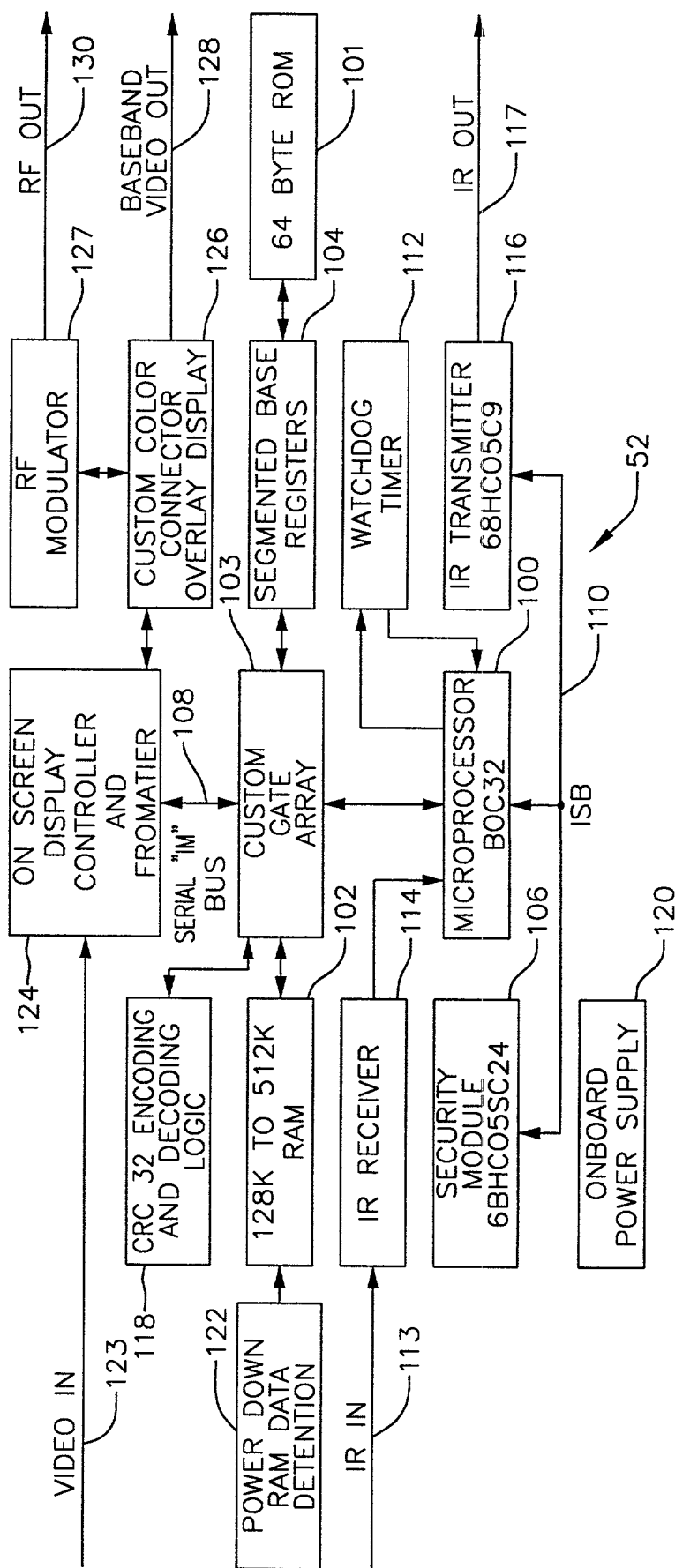
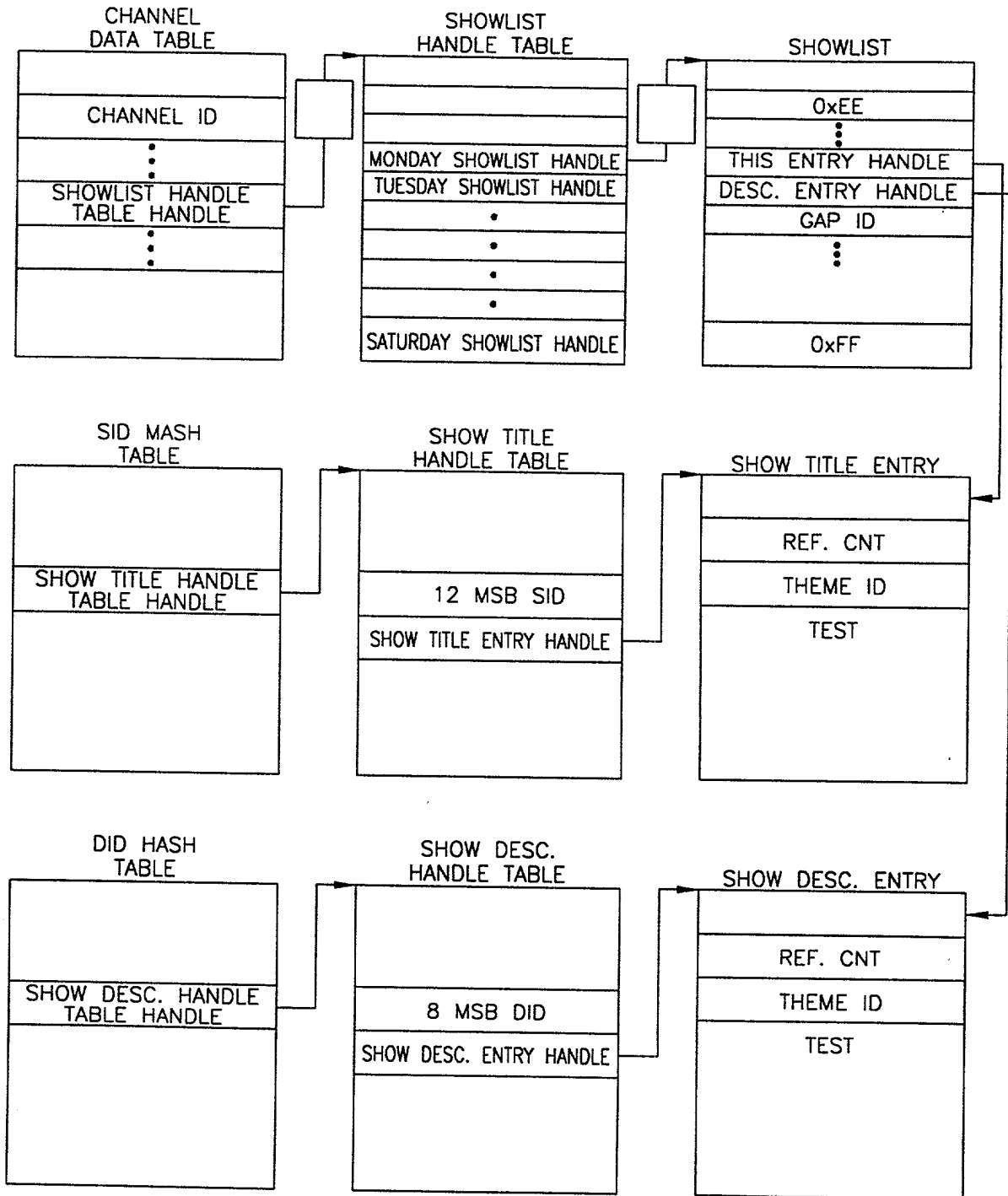


FIG. 4



CHANNEL DATA TABLE

	7	6	5	4	3	2	1	0		
0x00	TYPE=0x01									
0x01	NBR BLOCKS									
0x02	0x00									
0x03	NBR CHANNELS									
0x04	MSB	CHANNEL ID							LSB	0x00
0x06	DPF	ICF	NDF	NF			TMSB		0x02	
0x07	TUNE CHANNEL NBR									0x03
0x08	TRANSPONDER NBR									0x04
0x09	SATELLITE NBR									0x05
0x0A			SOURCE	CHANNEL	TYPE	NMSB			0x06	
0x0B	NATIVE CHANNEL NBR									0x07
0x0C	NAME MASK BITS									0x08
0x0D	FAVORITES LINK									0x09
0x0E	MSB	SHOWLIST HANDLE TABLE HANDLE							LSB	0x0A
0x10	MSB									0x00
		NAME AFFILIATION STRING								
0x18	MSB	DUPLICATE CHANNELS HANDLE							LSB	0x14

SHOW LIST

0x00	7	6	5	4	3	2	1	0	
0x01	TYPE=0x02								
0x02	NBR BLOCKS								
0x03	VERSION								
	MSB								
	START TIME GMT								
	LSB								
0x07	START DELIMITER=0xEE								0x00
0x08	RESV		PPV	GRP	FID	IDF	DMYF	0x01	
0x09	DURATION								0x02
0x0A	MSB	SHOW TITLE HANDLE						LSB	0x04
0x0C	MSB	SHOW DESCRIPTION HANDLE						LSB	0x06
0x0E	MSB	GROUP ID						LSB	
	END DELIMITER=0xFF								

**FIG. 7A**

[illegible]

**FIG. 7B**

SHOW DESCRIPTION ENTRY									
	7	6	5	4	3	2	1	0	
0x00	TYPE=0x60INBR BLOCKS								
0x01	CMPF	CCF	SF	BW/C	RF	REF CNT	MSB'S		
0x02	REFERENCE COUNT								
0x03	MSB	THEME INDEX ID						LSB	
0x05	CRITICS RATING				MPAA				
0x06	TRAITS MASK BITS								
0x07	YEAR PRODUCED								
0x08									
						</			



FIG. 10

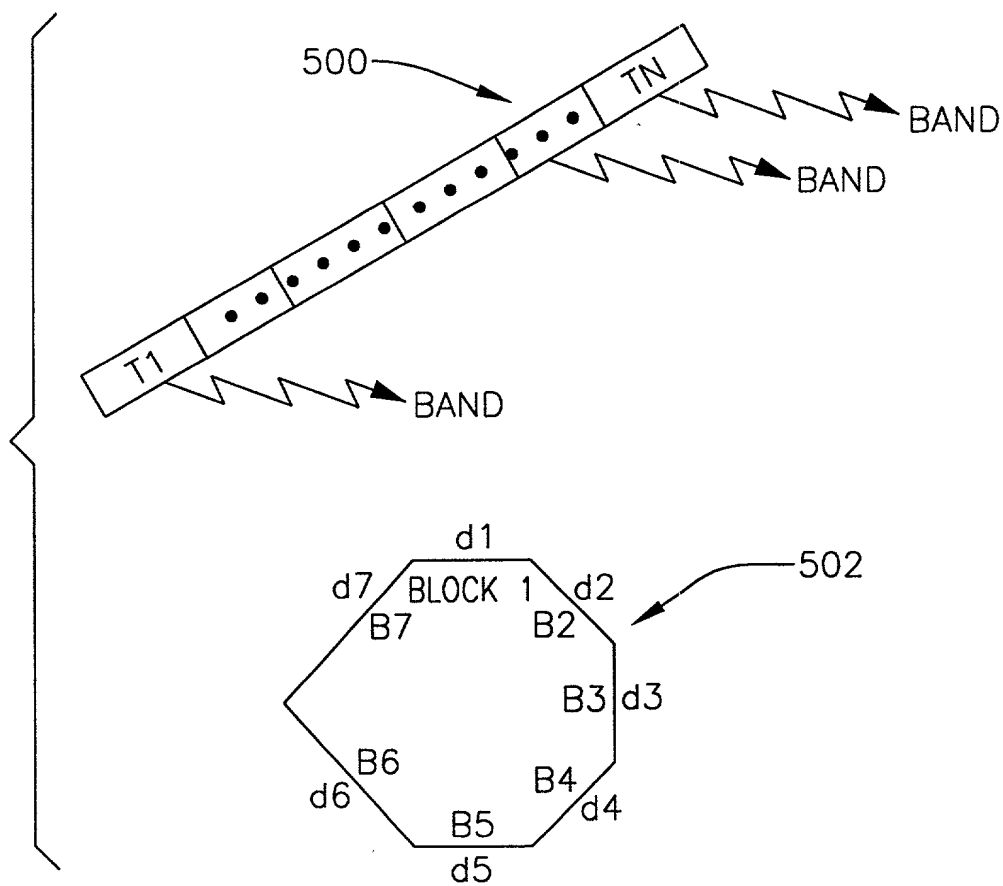




FIG. 11 is a block diagram of a television system 200. The system 200 includes a television 202, a set-top box 220, a VCR 230, and a remote controller 210. The television 202 is connected to the set-top box 220 and the VCR 230. The set-top box 220 includes a controller 224 and memory 226. The VCR 230 includes a controller 234 and memory 236. The remote controller 210 is connected to the television 202. The television 202 also includes a controller 204 and memory 206. An accessory 260 is connected to the television 202. A keyboard 262 is also connected to the television 202. A satellite dish 24 is shown receiving signals, which are transmitted to the set-top box 220.

FIG. 11

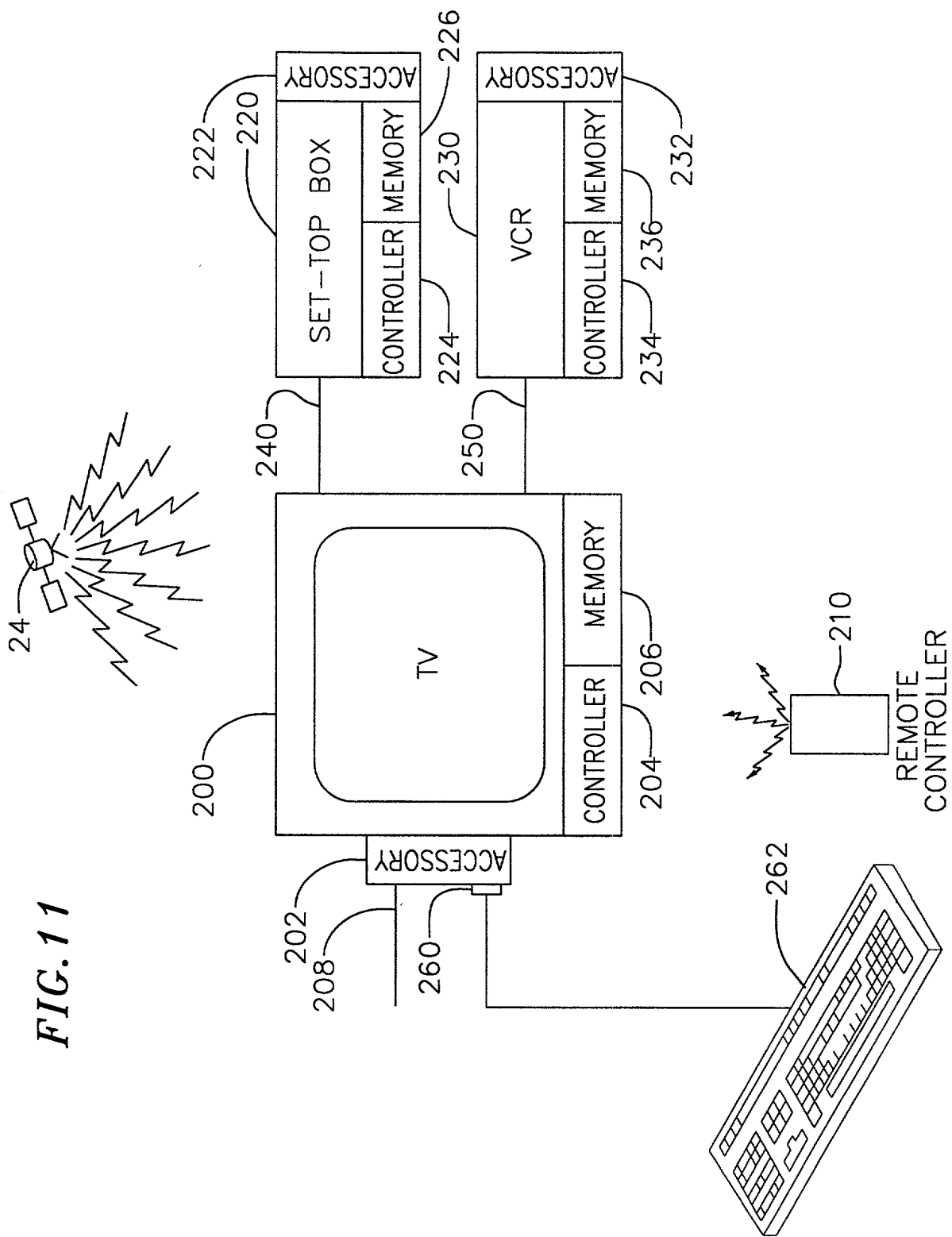
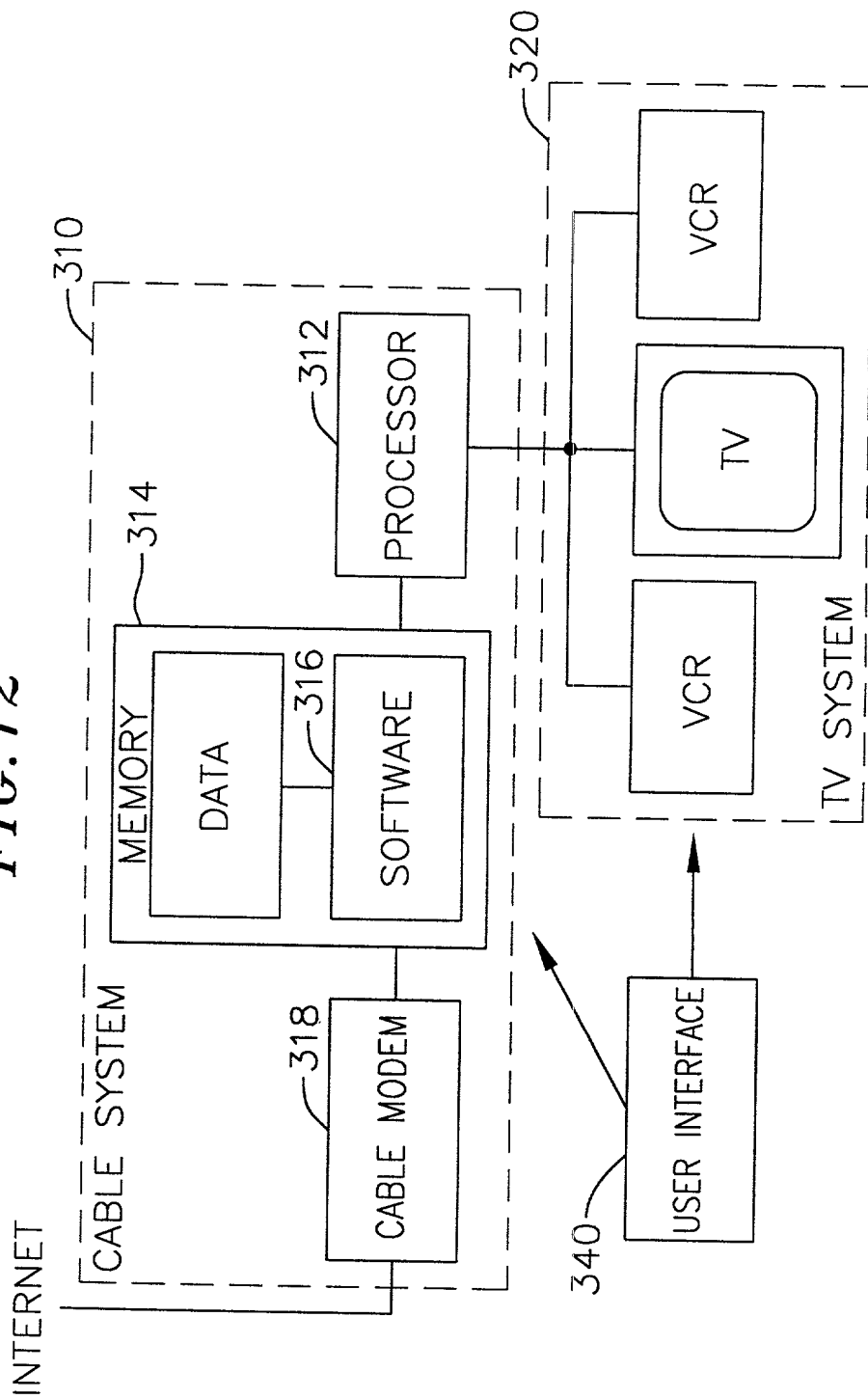
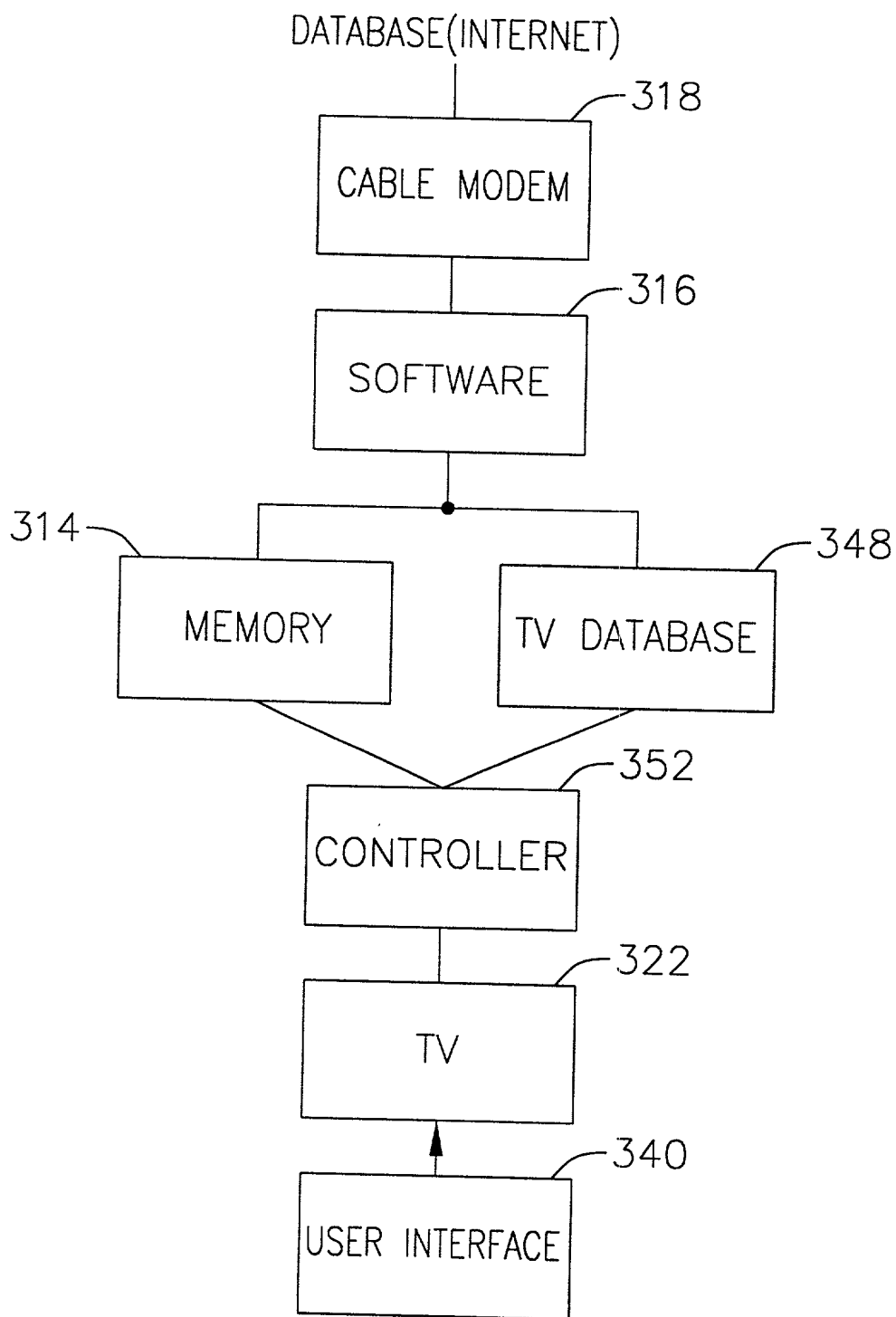


FIG. 12 is a block diagram of a system architecture. The diagram shows a central processing unit (312) connected to a memory unit (314) and a software unit (316). The memory unit (314) contains a data unit (318). The central processing unit (312) is also connected to a cable modem (318) and a user interface (340). The cable modem (318) is connected to a cable system (310). The user interface (340) is connected to a TV system (320). The TV system (320) includes a TV, a VCR, and a VCR.

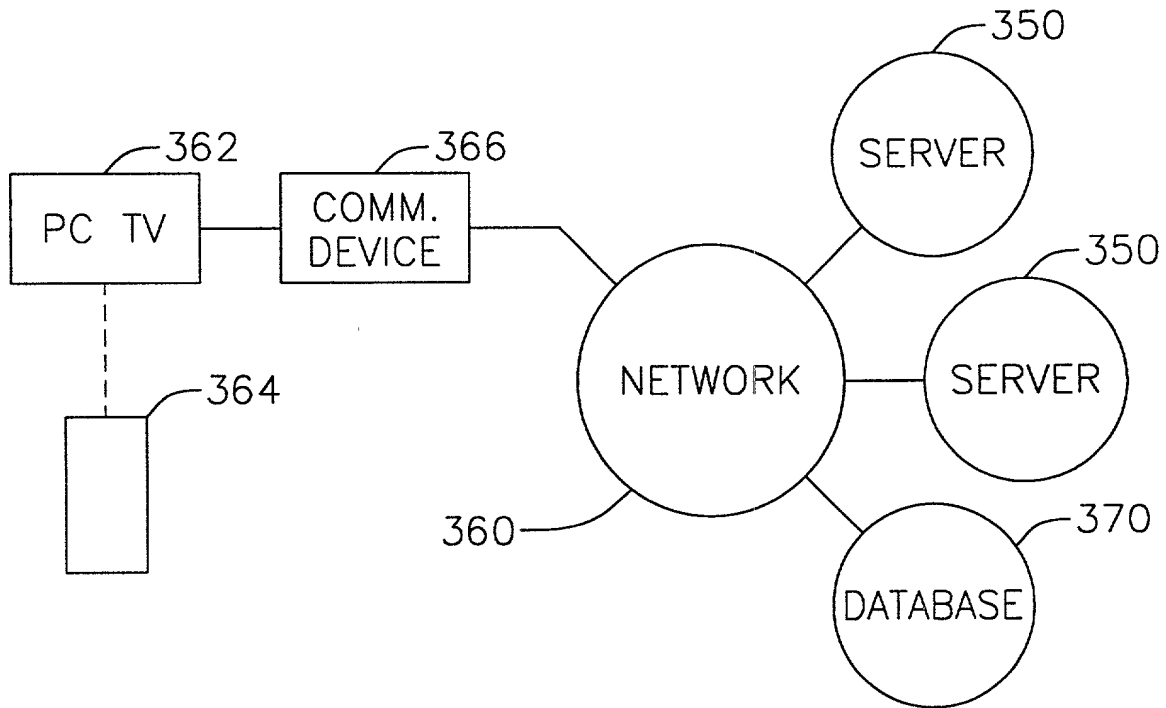
FIG. 12



*FIG. 13*



**FIG. 14**



**FIG. 15**

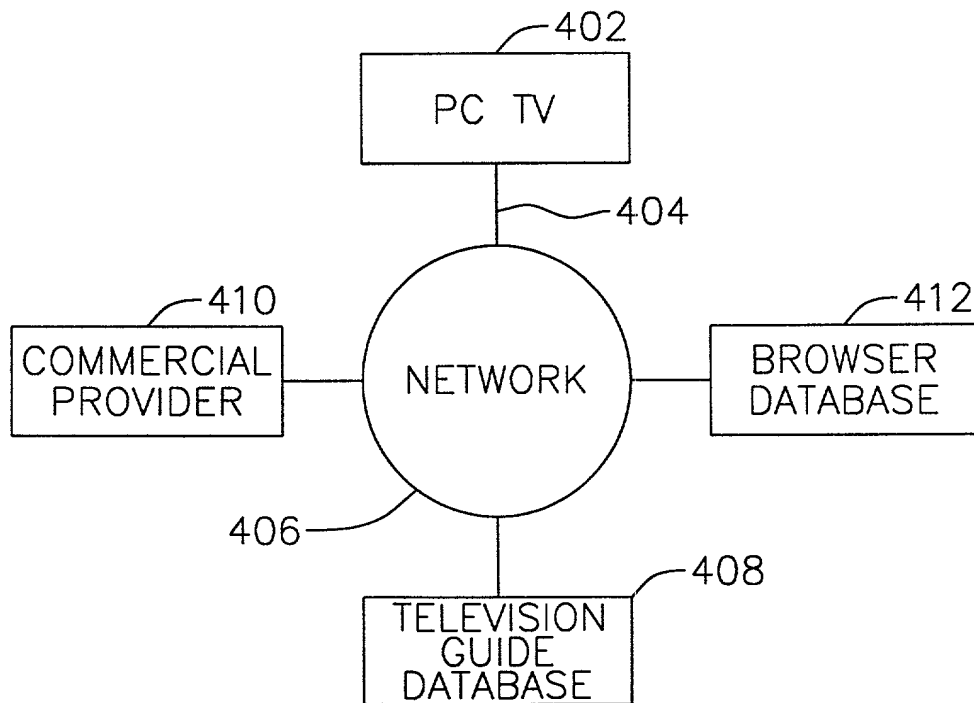
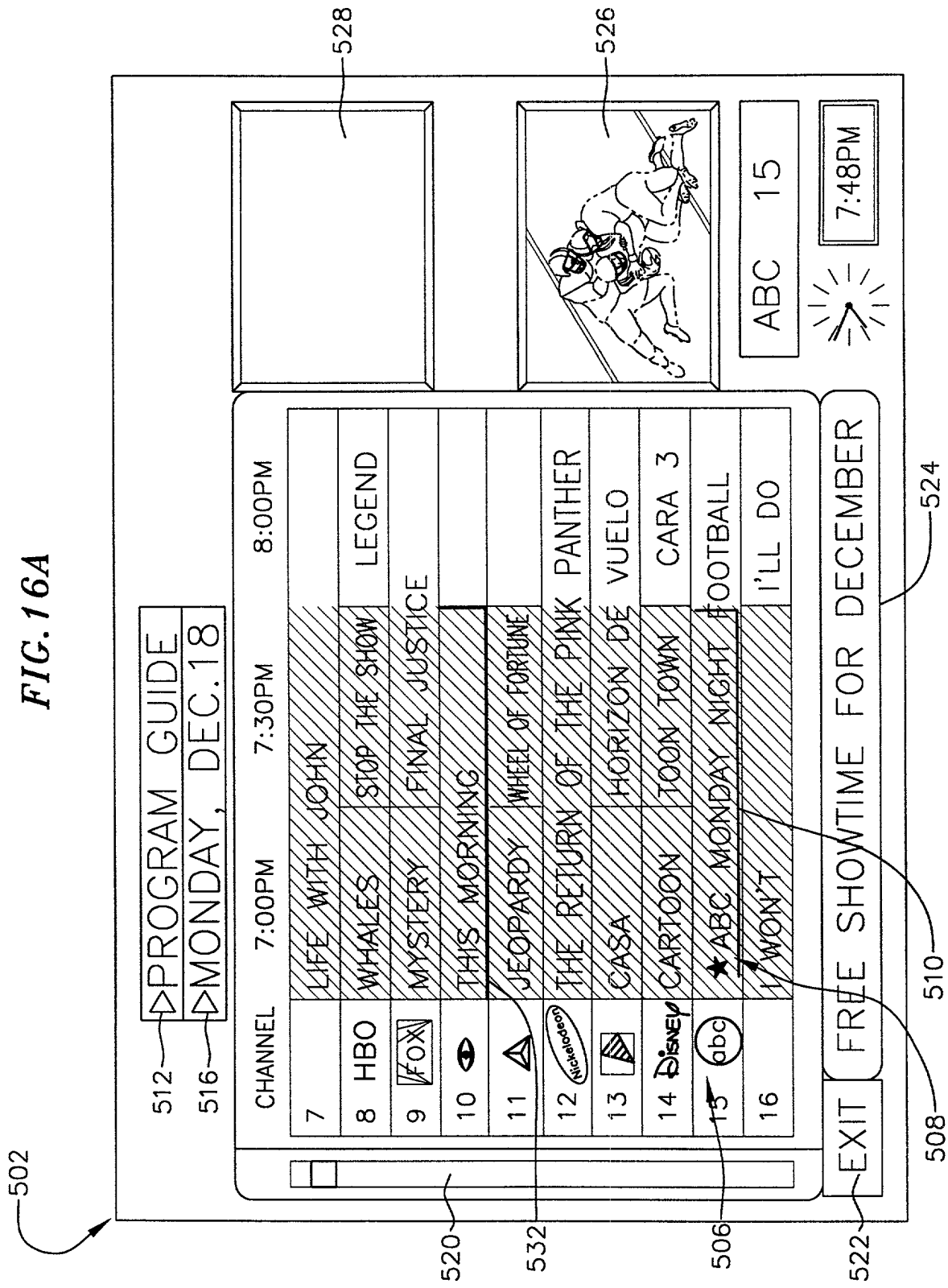


FIG. 16A



**FIG. 16B**

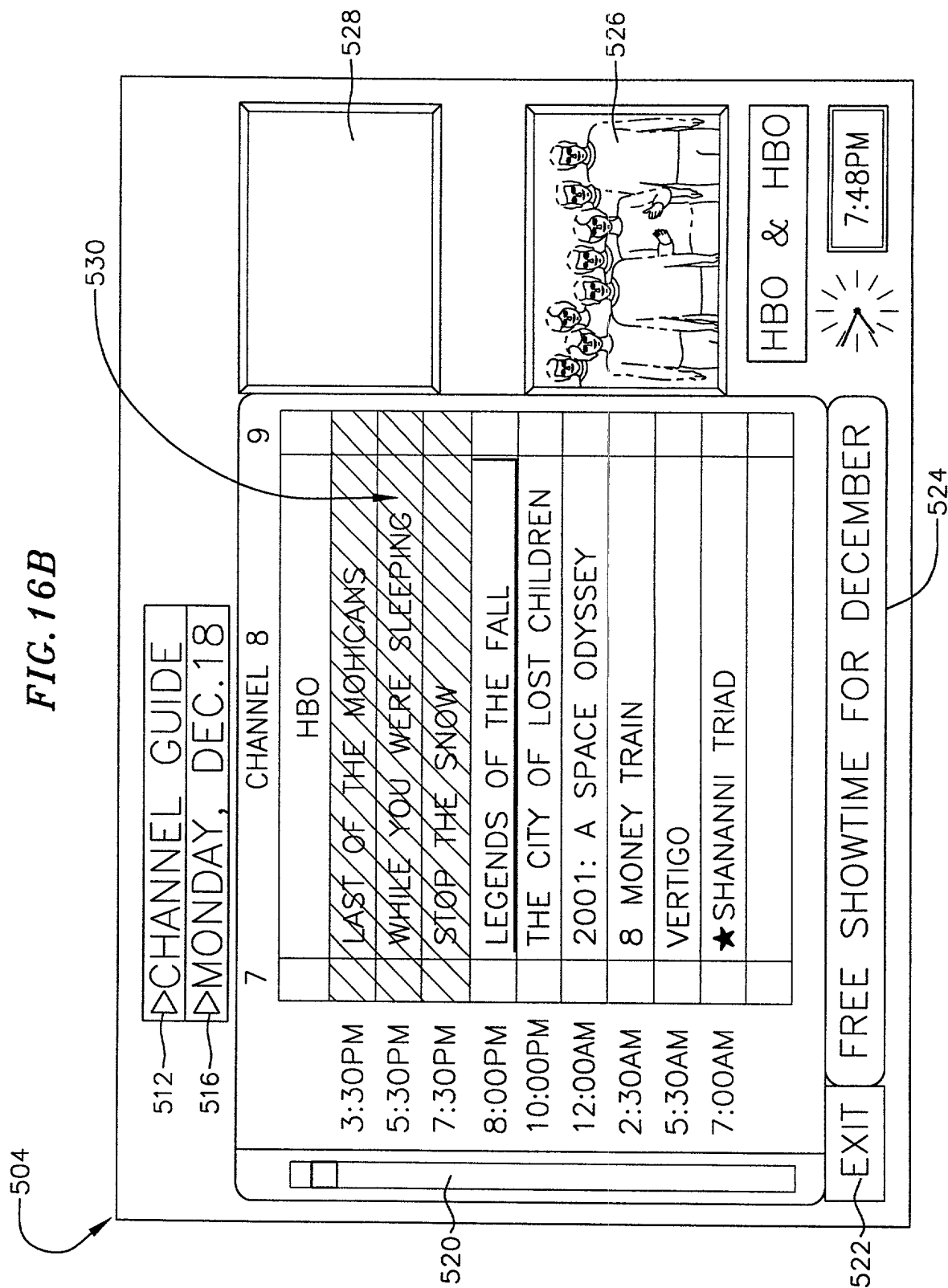
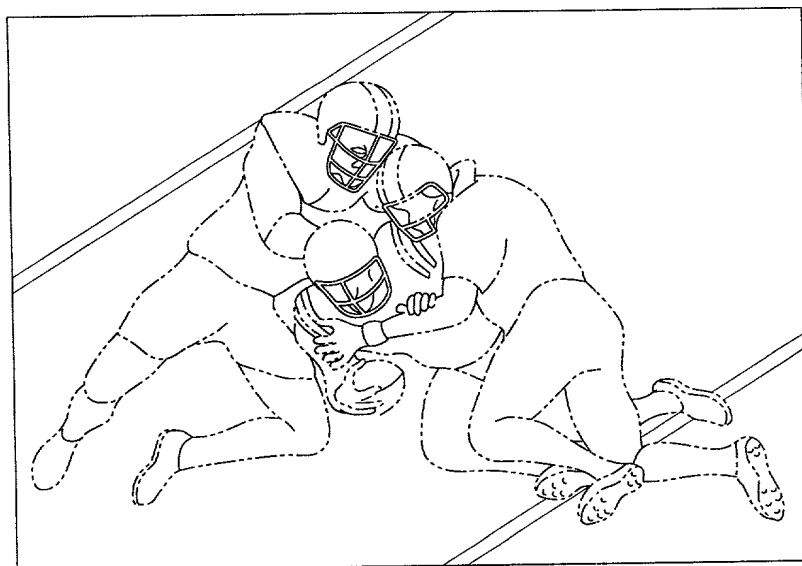
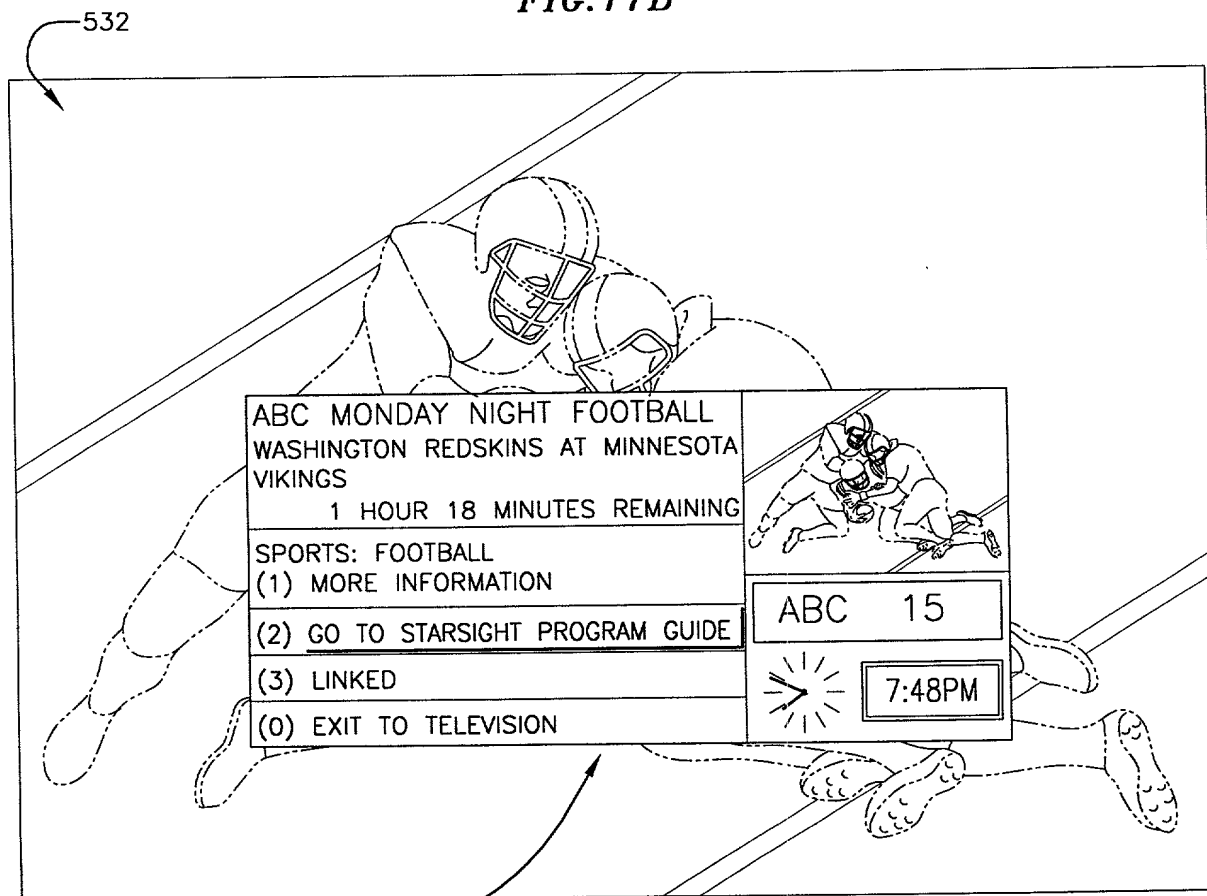


FIG. 17A



532

FIG. 17B



532

530

FIG. 17C

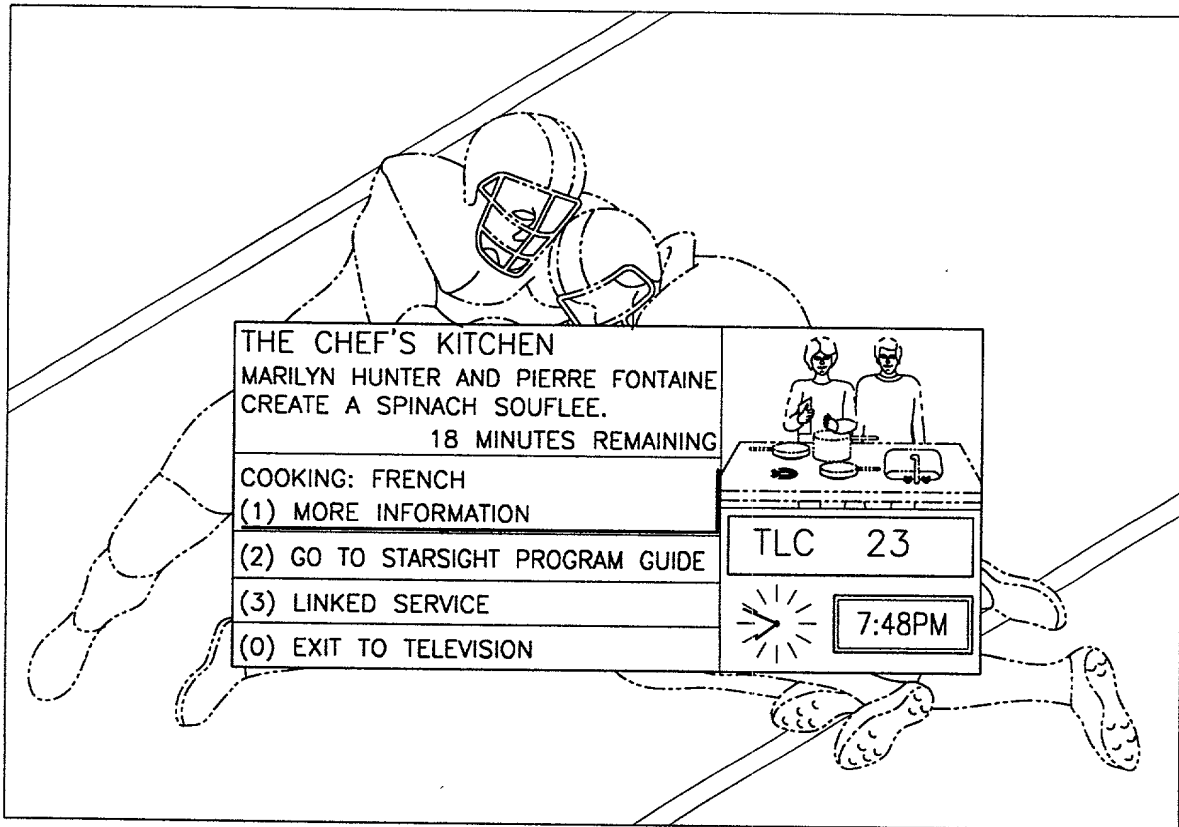


FIG. 17C



**FIG. 18A**

-HOURS	
MOVIES: DRAMA	
(1) MORE INFORMATION	
(2)	TUNE TO THIS CHANNEL NOW
(3)	RECORD THIS PROGRAM
(4)	PUT THIS PROGRAM ON MY FAVORITES LIST
(5)	REMIND ME WHEN THIS PROGRAM AIRS
(6)	RESTRICT ACCESS TO THIS PROGRAM
(7)	LINKED SERVICE
(0) GO BACK TO PROGRAM GUIDE	

**FIG. 18B**

MOVIES: DRAMA	
(1) MORE INFORMATION	
(2)	\$ ORDER MOVIE WHEN YOU LIKE...
(3)	\$ HBO INTERVIEW: BRAD PITT
(4)	A HOPKINS "REMAINS OF THE DAY"
(5)	\$ UNIVERSAL PICTURES ONLINE...
(6)	\$ UNIVERSAL STUDIOS FAMILY TICKET OFFER
(<) BACK TO PREVIOUS MENU	
(0) GO BACK TO PROGRAM GUIDE	

**FIG.18C**

ENTERING PASSWORD	
BY ENTERING YOUR PASSWORD YOU ARE CONFIRMING A PURCHASE OR VALIDATION OF YOUR ID. PLEASE ENTER YOUR PASSWORD TO ORDER THIS MOVIE FOR THE LISTED PURCHASE PRICE.	
HELP: PASSWORD	
(1) INFO ON (LEGENDS OF THE FALL)	\$3.95
<div><div>ENTER PASSWORD FOR DELIVERY IN 7 MINUTES @ 7:55PM    LEGENDS OF THE FALL-\$3.95</div><div>.....</div></div>	
(2) ACCEPT PASSWORD...	
(<) BACK TO PREVIOUS MENU	
(0) GO BACK TO PROGRAM GUIDE	

**FIG.18D**

CONFIRMING YOUR PURCHASE	
YOU HAVE SUCCESSFULLY ENTERED YOUR PASSWORD. CLICKING ON "YES" ITEM WILL FINALIZE YOUR PURCHASE.	
HELP: CONFIRMING YOUR PURCHASE	
(1) INFO ON (LEGENDS OF THE FALL)	\$3.95
<div><div>YOU HAVE SUCCESSFULLY ENTERED YOUR PASSWORD. ARE YOU SURE YOU WANT TO PROCEED TO FINALIZE YOUR ORDER ?</div><div>(2) YES</div><div>(&lt;) NO (BACK TO PREVIOUS MENU)</div></div>	
(0) GO BACK TO PROGRAM GUIDE	

FIG. 18E

LEGENDS OF THE FALL  
THREE SONS OF A RETIRED ARMY OFFICER RETURN  
FROM WORLD WAR 1 TO PURSUE VERY DIFFERENT LIVES.  
ANTHONY HOPKINS, BRAD PITT, JULIA ORMOND.  
VIDEO ON DEMAND PRICE-\$3.95

MOVIES: DRAMA  
(1) MORE INFORMATION

YOUR ORDER CONFIRMED !  
12.15.95 OR.#950384383 IT.#346VOOL  
ACCOUNT 234.95430 PURCHASE: \$3.95

(2) OK (BACK TO PREVIOUS MENU)  
(3) GO TO YOUR LIST OF PURCHASES

(0) GO BACK TO PROGRAM GUIDE

FIG. 19A


▷	PROGRAM GUIDE
▷	CHANNEL GUIDE
	VIDEO ON DEMAND
7	RECORDINGS
8	FAVORITES & REMINDERS
9	PARENTAL CONTROLS
10	THEMES & SEARCHES
11	WORLD OF SERVICES
12	MESSAGES
13	SETUP & UTILITIES
14	
15	
16	

EXIT FREE SHOWTIME FOR DECEMBER

ABC 15

7:48PM

FIG. 19B




>MESSAGES  
 >CHECK NEW MESSAGES

COX

MESSAGE	DATE	SUBJECT
INFO@STARSIGHT.COM	12/14/95	NEW FEET...
BOB@ONLINE.COM	12/14/95	DIRECTION...
NEWSLETTER@IDC.COM	12/13/95	JANUARY ISSUE
INFO@STARSIGHT.COM	12/12/95	NEW SERVICES FOR...
SEVICE@PGA.COM	12/11/95	BILLING INFORMATION
lisa@AOL.COM	12/4/95	HI THERE...
alex@PRODIGY.COM	12/3/95	YOUR MOM
OFFER@STARSIGHT.COM	12/1/95	FREE ENTITY

CREATE MESSAGE

HBO 8 HBO



7:48PM

EXIT

FREE SHOWTIME FOR DECEMBER





FIG. 19C



>MESSAGES  
 >CHECK NEW MESSAGES

COX

FROM: INFO@STARSIGHT.COM

DATE: SUN.'14 DEC.95' 11:22:58 PST

FROM: INFO@STARSIGHT.COM

TO: ALL STARSIGHT SUBSCRIBERS


SUBJECT: NEW SERVICES FOR DECEMBER


TO:ALL STARSIGHT SUBSCRIBERS


WELL, DECEMBER IS BRINGING SOME EXCITING NEW ADDITIONS TO THE STARSIGHT SERVICE. IN ADDITION TO THE NEW SERVICE WE ADDED LAST MONTH, INCLUDING OUR POPULAR NEW FEATURES, BUSINESS AND STOCK UPDATES.


EXIT


FREE SHOWTIME FOR DECEMBER

















































































































































































































































































































FIG. 20A

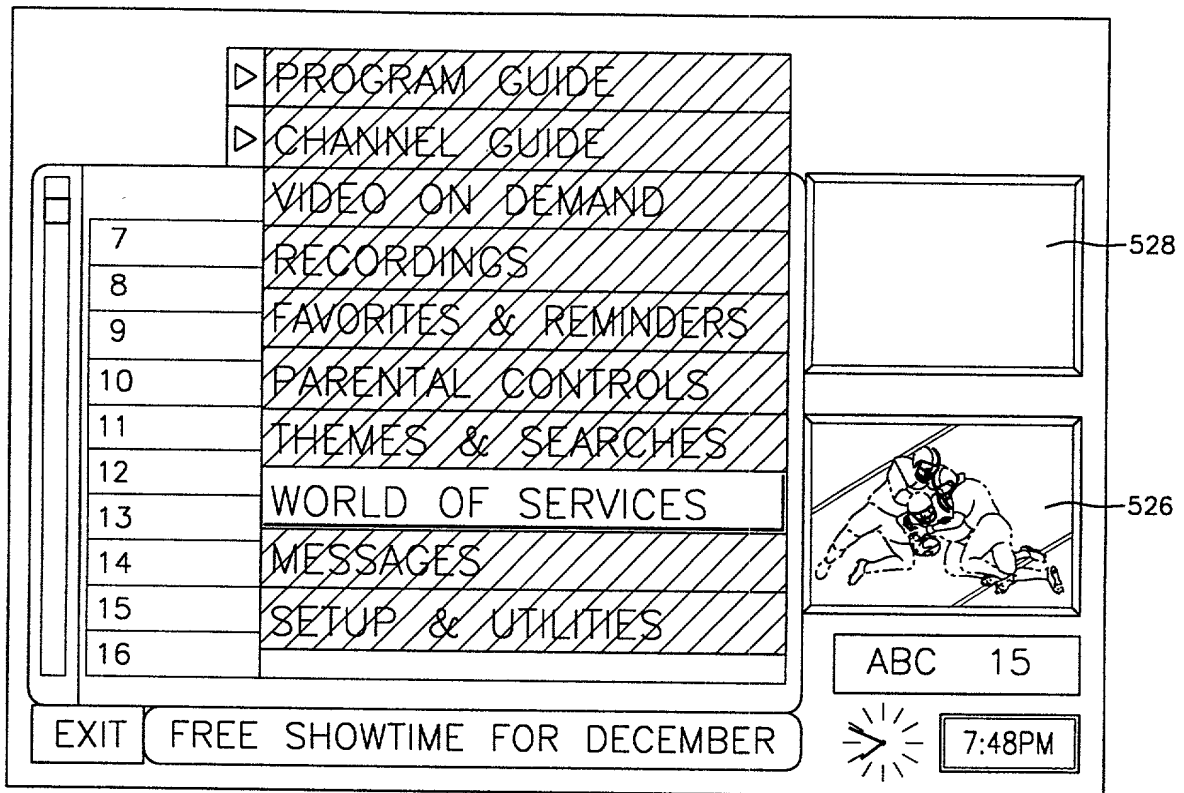


FIG.20B

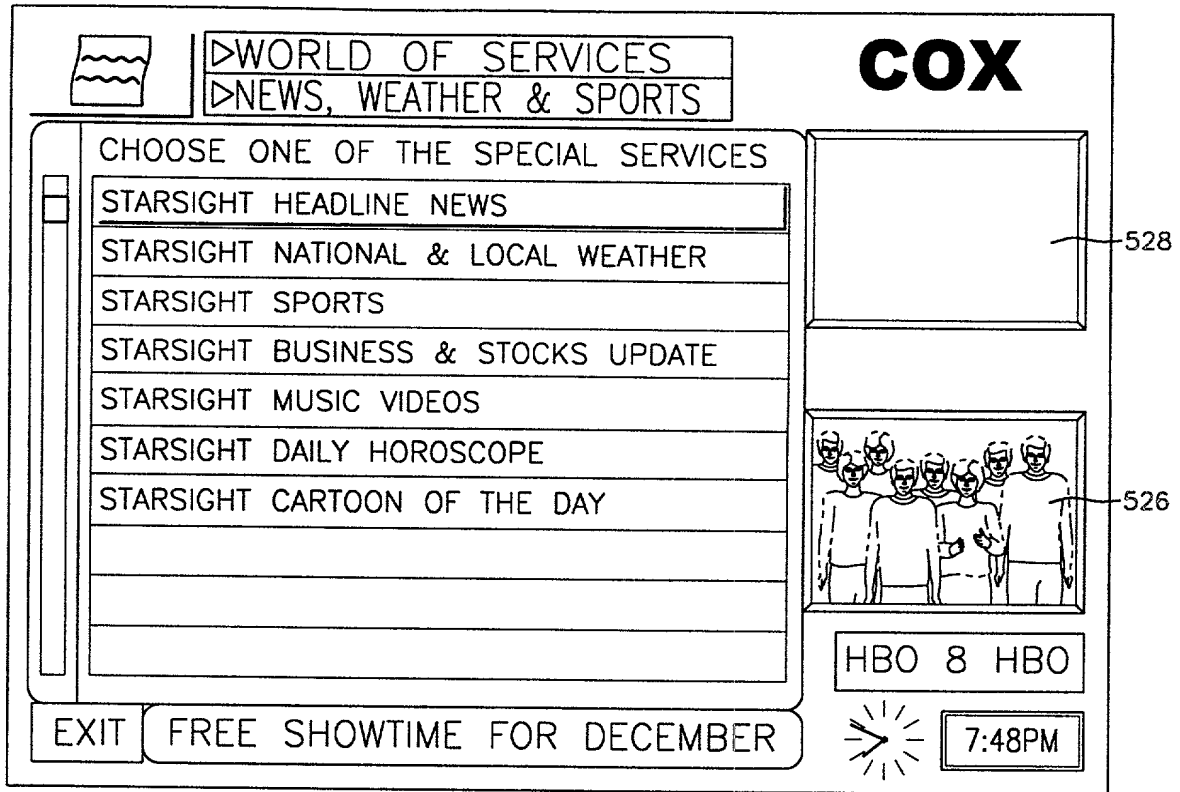


FIG.20C

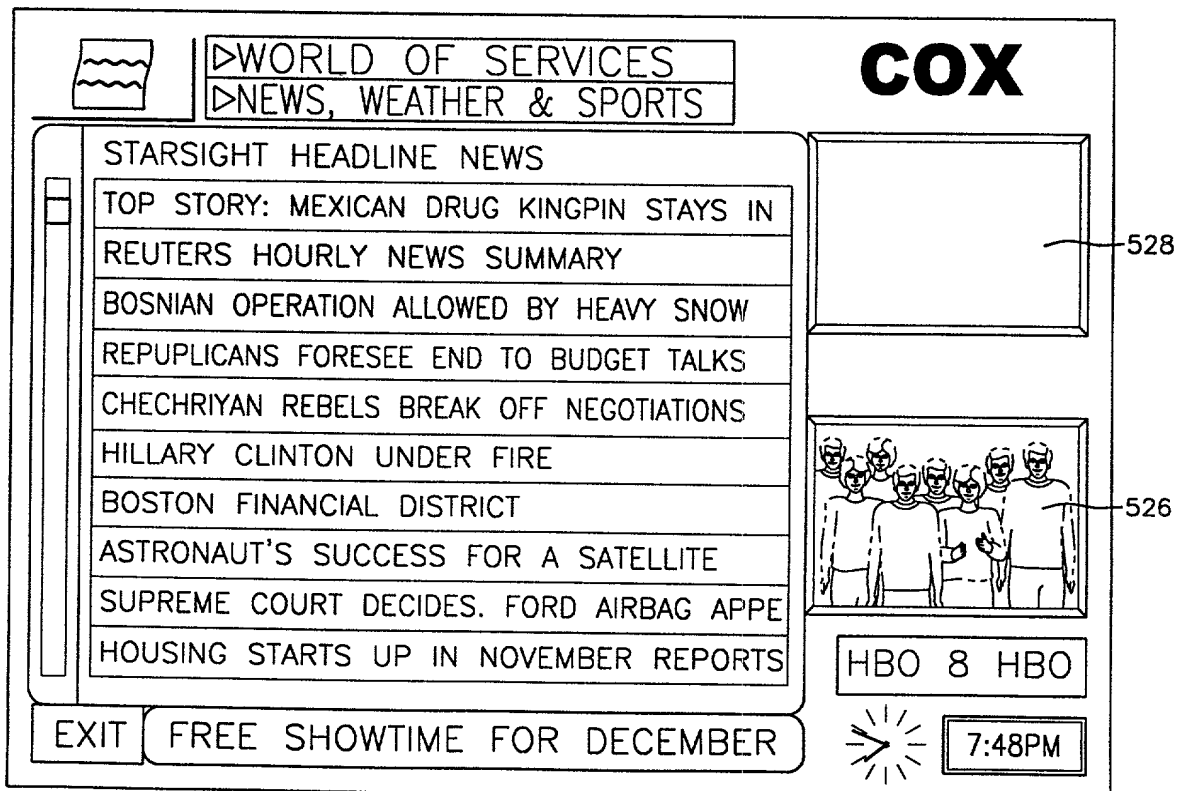


FIG. 21A

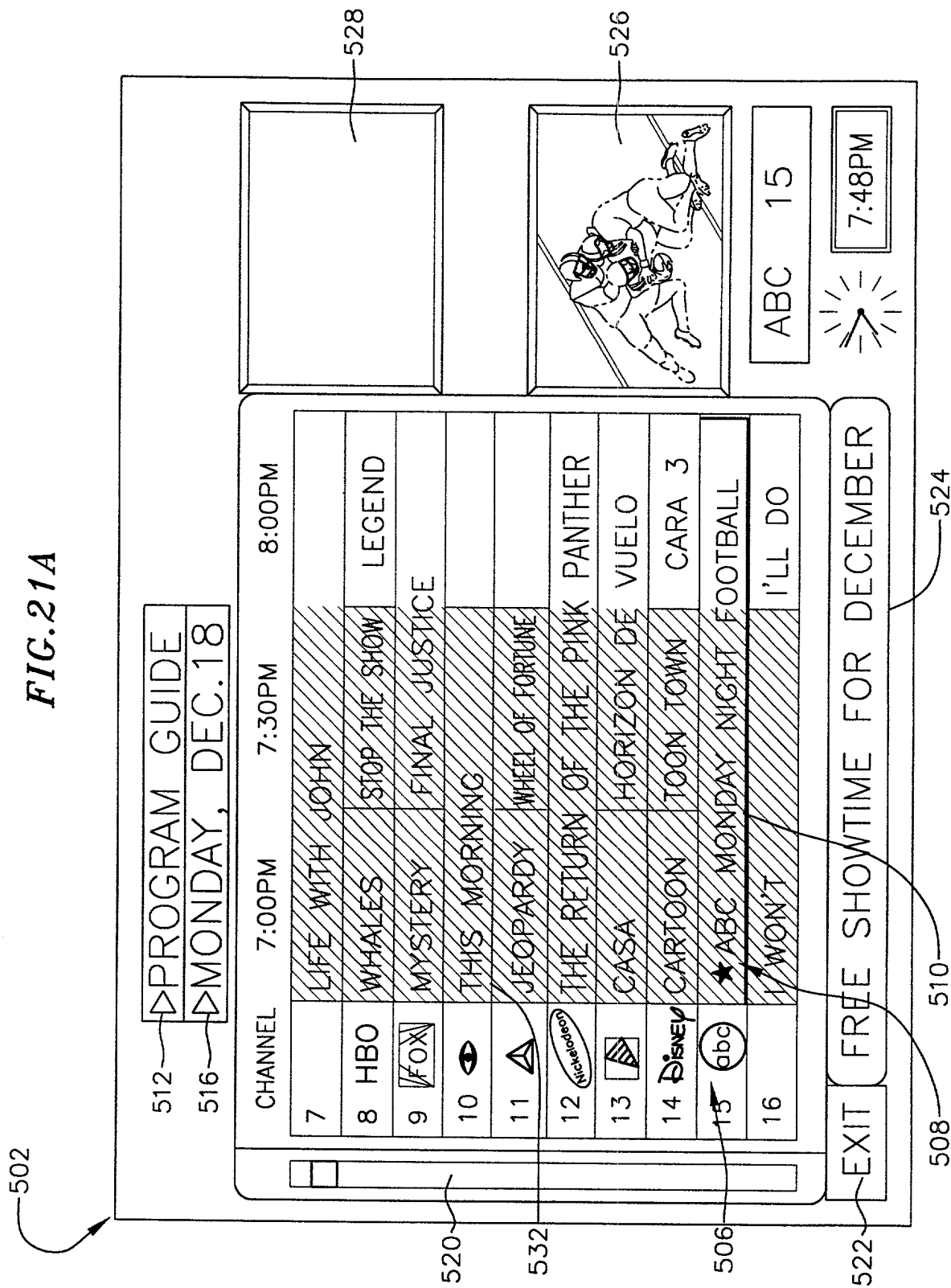
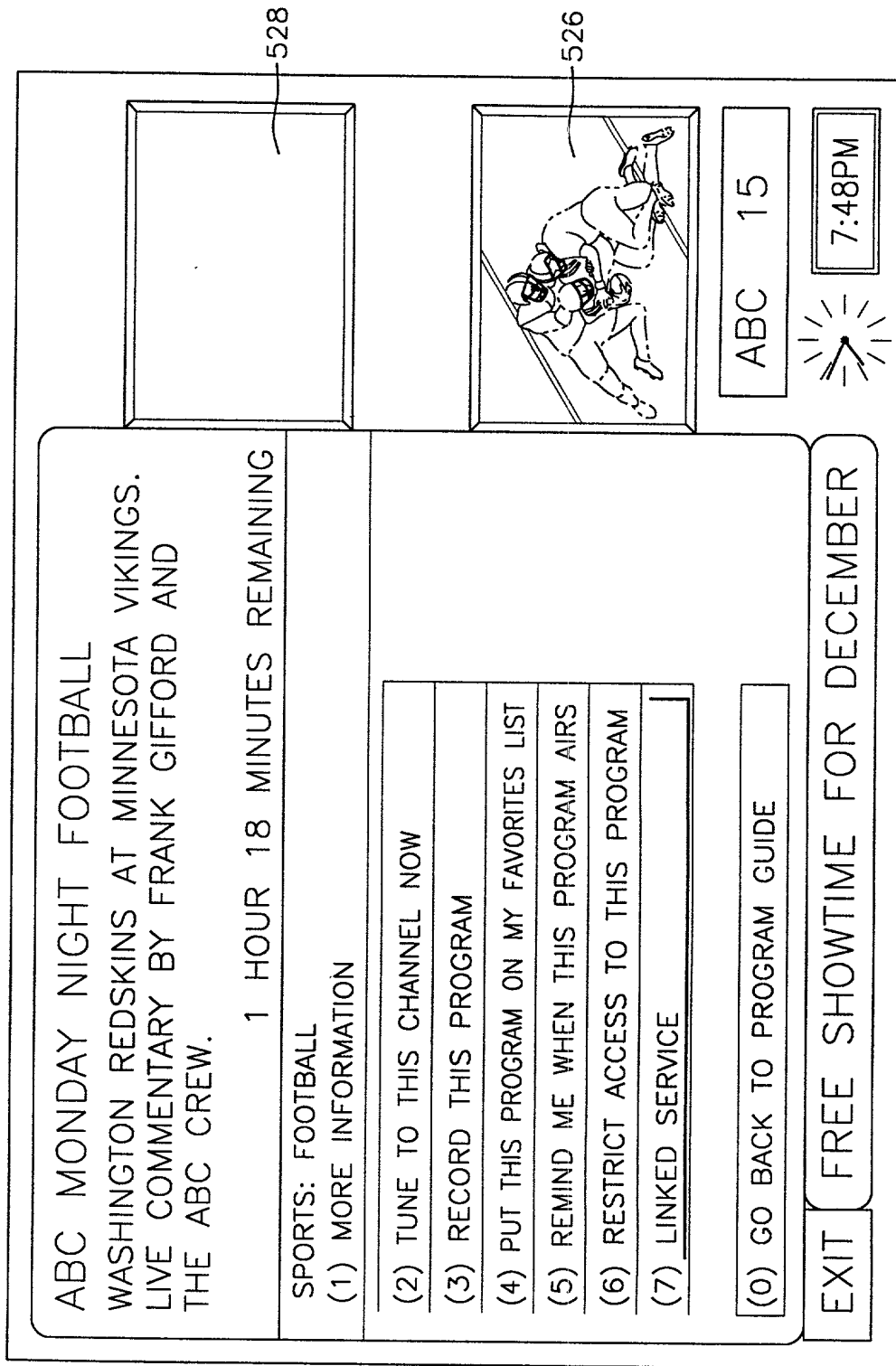


FIG. 21B





1

FIG.21C

OFFICIAL NFL CAP

A GOOD-LOOKING ACCESSORY FOR ANY FAN. YOUR FAVORITE NFL TEAM LOGO EMBROIDERED ON A TOP-QUALITY ALL-COTTON CAP. COMES IN TEAM COLORS.

SPECIAL OFFER--\$9.95

SPORTS: FOOTBALL

(1) MORE INFORMATION

(2) \$ PURCHASE WASHINGTON REDSKINS CAP...

(3) \$ PURCHASE MINNESOTA VIKINGS CAP...

(4) GO TO NFL SPORTS PRO SHOP

(5) \$ ORDER TRANSCRIPTION OF THIS PROGRAM

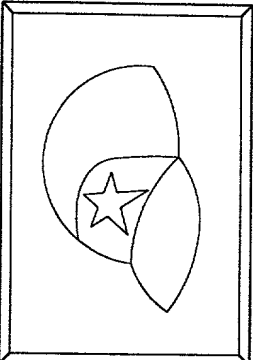
(6) \$ ORDER NFL HIGHLIGHTS

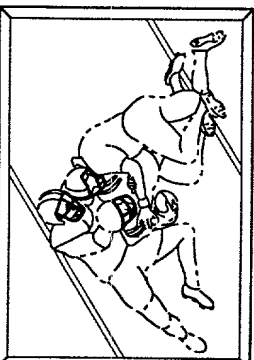
(7) BACK TO PREVIOUS MENU

(0) GO BACK TO PROGRAM GUIDE

EXIT

FREE SHOWTIME FOR DECEMBER





ABC 15

7:48PM

**FIG.21D**

<b>ENTERING PASSWORD</b>	
BY ENTERING YOUR PASSWORD YOU ARE CONFIRMING A PURCHASE OR VALIDATION OF YOUR ID. PLEASE ENTER YOUR PASSWORD TO ORDER THIS ITEM FOR THE LISTED PURCHASE PRICE.	
HELP: PASSWORD	
(1) INFO ON (OFFICIAL NFL CAP)	\$9.95
<div>ENTER PASSWORD FOR DELIVERY VIA U.P.S. OFFICIAL NFL CAP-WA REDSKINS-\$9.95 .....</div>	
(2) ACCEPT PASSWORD...	
(<) BACK TO PREVIOUS MENU	
(0) GO BACK TO PROGRAM GUIDE	

**FIG.21E**

<b>HELP: CONFIRMING YOUR PURCHASE</b>	
(1) INFO ON (OFFICIAL NFL CAP)	\$9.95
<div>YOU HAVE SUCCESSFULLY ENTERED YOUR PASSWORD. ARE YOU SURE YOU WANT TO PROCEED TO FINALIZE YOUR ORDER ?</div>	
(2) YES	
(<) NO (BACK TO PREVIOUS MENU)	
(0) GO BACK TO PROGRAM GUIDE	

**FIG.21F**

<b>OFFICIAL NFL CAP</b>	
A GOOD-LOOKING ACCESSORY FOR ANY FAN. YOUR FAVORITE NFL TEAM LOGO EMBROIDERED ON A TOP-QUALITY ALL-COTTON CAP. COMES IN TEAM COLORS.	
SPECIAL OFFER-\$9.95	
SPORTS: FOOTBALL	
(1) MORE INFORMATION	
<div>YOUR ORDER CONFIRMED ! 12.15.95 OR.#950384271 IT.#3452NP ACCOUNT 234.95430 PURCHASE: \$9.95</div>	
(2) OK (BACK TO PREVIOUS MENU)	
(3) GO TO YOUR LIST OF PURCHASES	
(0) GO BACK TO PROGRAM GUIDE	